

WHAT IS CLAIMED IS:

1. A cooling module for a CPU mounted in an information processing apparatus, the module comprising:

a cooling jacket thermally connected to the CPU to transmit heat generated by the CPU to a cooling liquid;

a pump that circulates the cooling liquid;

a reserve tank used to provide a supplementary cooling liquid; and

a first radiator and a second radiator which cause the cooling liquid to radiate heat,

wherein the cooling jacket, the pump, the reserve tank, the first and second radiators are arranged in a circulating path for the cooling liquid,

the pump and the reserve tank are installed above the cooling jacket, and the first radiator is installed above the pump and reserve tank, and

the second radiator is located at a side of the cooling jacket, pump, reserve tank, and first radiator.

2. The cooling module according to claim 1, wherein a radiating fin in the first radiator and a radiating fin in the second radiator are provided on the same plane.

3. The cooling module according to claim 1, wherein the second radiator is located closer to the cooling jacket than the first radiator and on an

upstream side of the circulating path with respect to the first radiator.

4. The cooling module according to claim 1, wherein cooling winds are blown through the first radiator and then the second radiator.

5. The cooling module according to claim 1, wherein the cooling liquid circulates through the pump, the cooling jacket, the second radiator, the first radiator, and the reserve tank in this order.

6. A cooling jacket based on a liquid cooling system and used for a CPU mounted in an information processing apparatus, the cooling jacket internally comprising a cylindrical fin in which a plurality of fins are stacked,

wherein heat generated by the CPU is transmitted to the cylindrical fin, which then transmits the heat to the cooling liquid.

7. The cooling jacket according to claim 6, wherein straightening vanes for the cooling liquid are provided on some of the fins stacked in the cylindrical fin.

8. The cooling jacket according to claim 6, wherein each of the fins stacked in the cylindrical fin is provided with a first convex portion that forms a stacking gap and a second convex portion provided at a top of the first convex portion to position the fin.